Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 28 Mar 2023 until 23:59 on Wednesday 29 Mar 2023

Forecast Issued on Monday 27 Mar 2023 at 10:46

Confidence: High confidence for a return to milder conditions and wet and windy weather from the southwest. Low confidence in weather forecast towards the weekend especially wind direction and rain amounts. Also low confidence in amount of showers later in the week.

Headline for Tuesday 28 Mar 2023: A dry start but rain soon spreading across the area with strong southerly winds, becoming gradually milder during the day.

Mountain weather hazards on Tuesday 28 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sleet	Heavy Rain	Light rain	Heavy rain showers	Drizzle	Dull
Precipitation probability							
10%	10%	50%	60%	70%	40%	30%	30%

Forecast for Tuesday 28 Mar 2023

Weather: Mainly dry overnight but increasing cloud cover from the west during the night. Sleet or snow at high levels around dawn will gradually turn to rain at all levels. Rain is likely to be heaviest around western fells with some drier interludes further east, perhaps a few cloud breaks here later too. Although the main band of rain will clear east during the afternoon it will remain damp and drizzly for most areas into the evening.

Chance of cloud-free hill tops above 800m: 70% falling to 20% or less in the afternoon as cloud lowers in association with the band of rain moving across the area.

Low cloud and visibility: Patchy or scattered low cloud layers above 600m in the morning, mainly confined to southern and western fells at first. Cloud will thicken, lower, cloud layers above 2-300m in the afternoon. It will become extensive during the day with visibility becoming quite poor and navigation will become quite tricky at height. Some brighter spells may be found in the northeast of the park later in the afternoon but even here it will be dull with moderate visibility at best.

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Met Office Mountain Weather Forecast

Forecast for Tuesday 28 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	26/32 SE	30/37 S	36/45 S	38/48 S	39/49 S	36/45 S	29/36 SW	27/32 SW	24/30 S
600	24/34 SE	26/36 S	27/38 S	30/41 S	29/41 S	26/36 S	18/26 SW	17/24 SW	16/21 S
300	6/20 SE	8/23 S	9/26 S	13/31 S	11/30 S	10/26 S	7/19 SW	7/17 SW	6/15 S
Valley	7/21 SE	8/23 SE	10/27 S	14/31 SE	13/31 S	12/27 S	9/20 SW	8/18 SW	8/17 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-7	1/-7	-0/-9	-0/-9	1/-8	3/-4	4/-2	4/-2	4/-2
600	2/-5	2/-5	1/-6	2/-6	3/-4	5/-1	6/1	6/1	5/1
300	3/0	3/0	3/-0	4/-1	5/1	6/4	7/5	7/5	7/5
Valley	5/3	5/3	6/2	6/2	7/3	8/6	8/6	8/7	8/6
Freezing Level*	600m	900m	900m	1000m	1400m	1700m	1700m	1700m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Summit gales are likely for much of the day and with the damp conditions a significant windchill is expected. Turning milder as the day goes on but very poor visibility at all levels by the end of the day.

Forecast for Wednesday 29 Mar 2023

Weather: Cloudy but mainly dry at first and the possibility of a few brighter spells for a time in the morning. Cloud and rain spreading north from late morning with heavy rain at times through the afternoon. Dry for a time by late afternoon but further heavy showery rain expected during the evening.

Maximum wind: Southerly 15 gust 25 mph increasing during the afternoon to 25 mph gusts 35 mph.

Chance of cloud-free hill tops above 800m: 40%, cloud coming and going from the summits during the day.

Low cloud and visibility: Scattered or broken low cloud layers above 3-400m at times throughout the day, chance of some brighter conditions and cloud free summits in the morning before the rain arrives however early morning cloud may be slow to clear. Cloud may also clear at times in the afternoon but depends on the timing of showery rain.

Temperature: **Valleys:** Plus 11 Celsius.
At 800m: Plus 6 Celsius.
Freezing level: Above all summits

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 27 March 2023 Location: Stybarrow Dodd Summit at 11:45 Full report: A stunning day on the Lake District fells with light winds and plenty of sunshine. An overnight frost to valley level soon thawed although there were pockets of snow, ice and hail still present in shady areas and summit temperatures remained below freezing. A few small, isolated, and insignificant patches of old snow can still be found on steep north and east-facing slopes above 900m on Helvellyn, however, these are not in areas that walkers are likely to venture and the vast majority of the fells are currently snow free. Conditions are forecast to deteriorate dramatically overnight with the first of a series of lows sweeping in from the SW giving snow, rain and strong winds. Walkers should be prepared with plenty of warm and waterproof layers, hats and gloves, torch, whistle, survival bag, a map and compass and a sensible plan given the conditions. Temperature: minus 1.0 C, Maximum wind speed 7.9 mph, Wind chill: minus 4.5 C, Average wind speed: 4.6 mph
Issued at: 1046 on Mon 27 Mar 2023

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